

Figure 1a

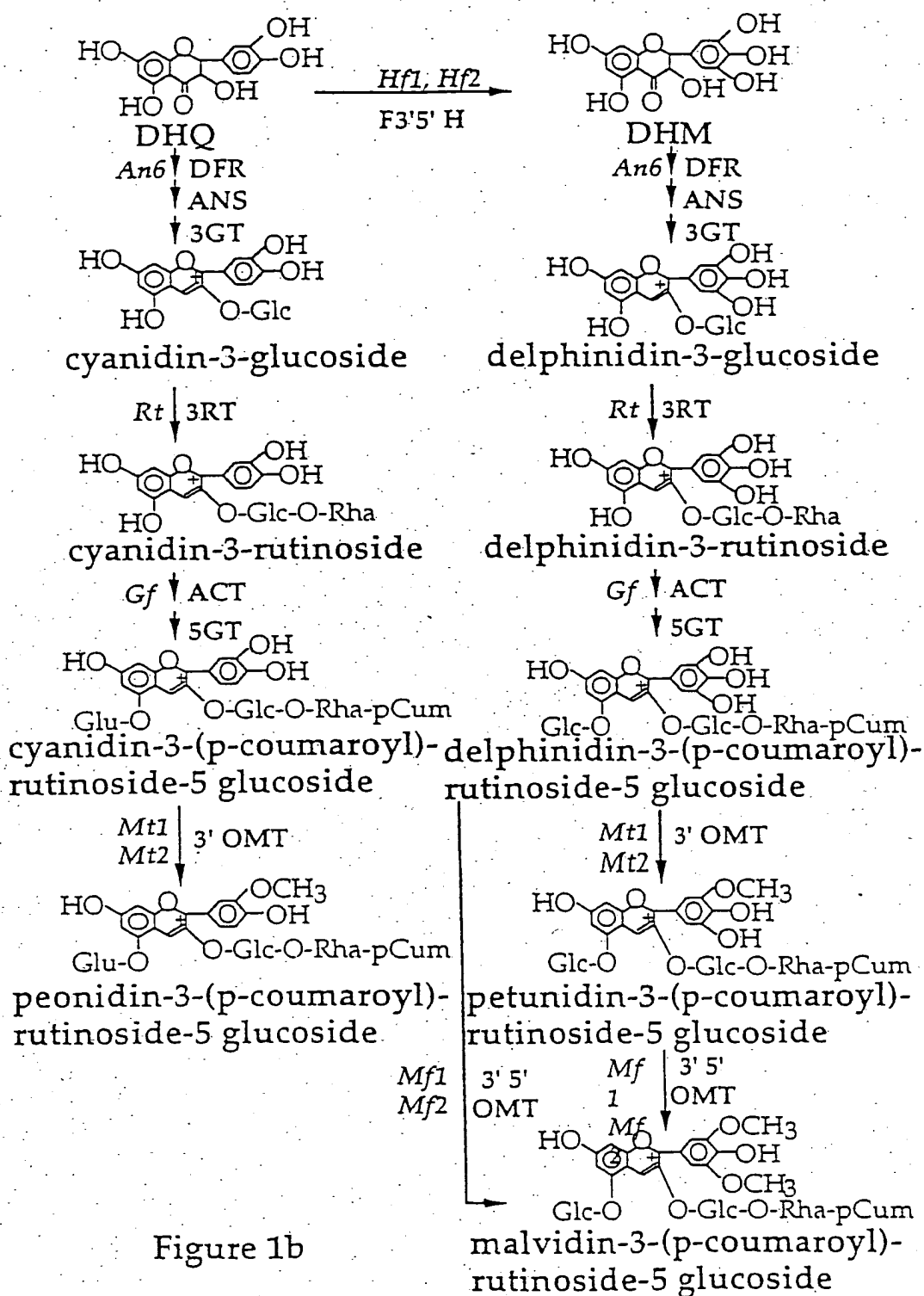


Figure 1b

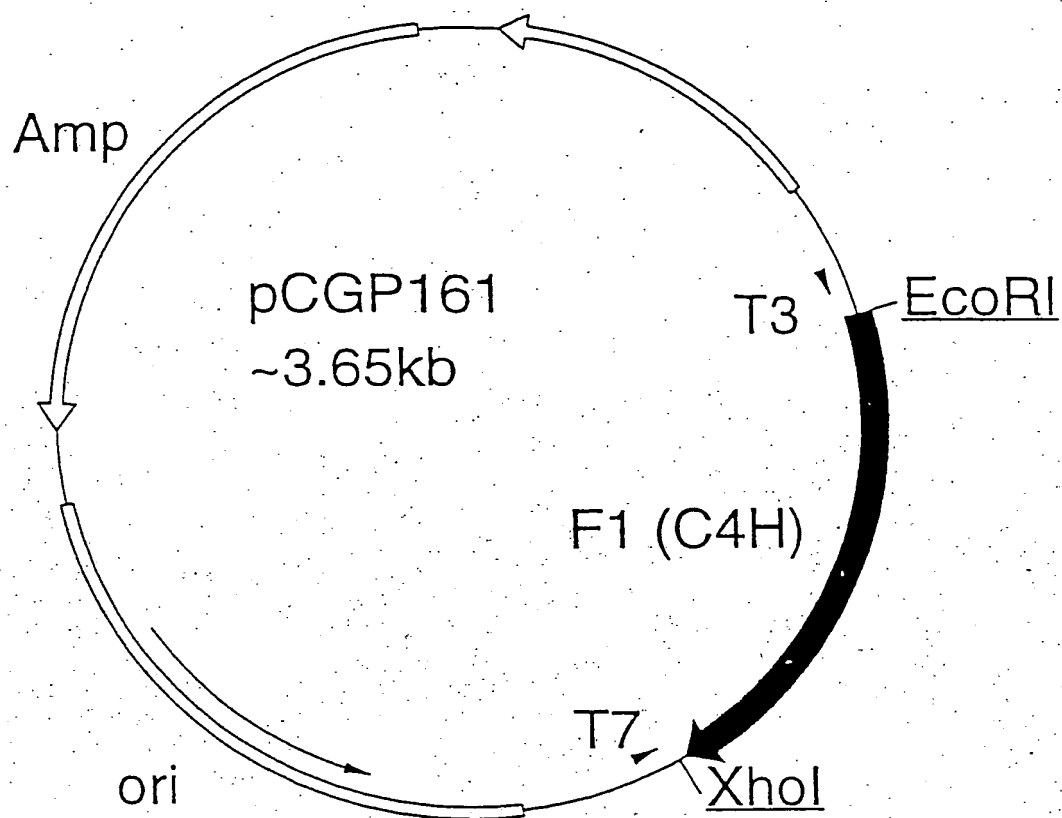


Figure 2

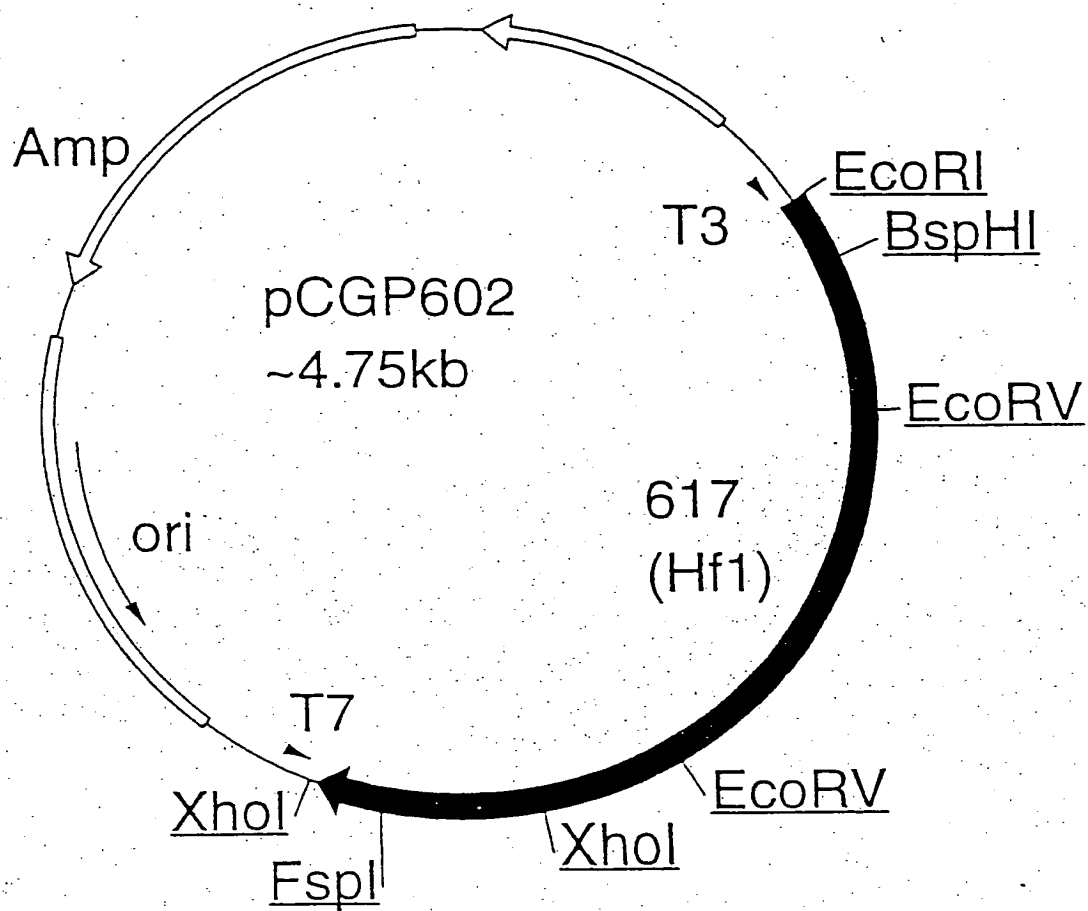


Figure 3

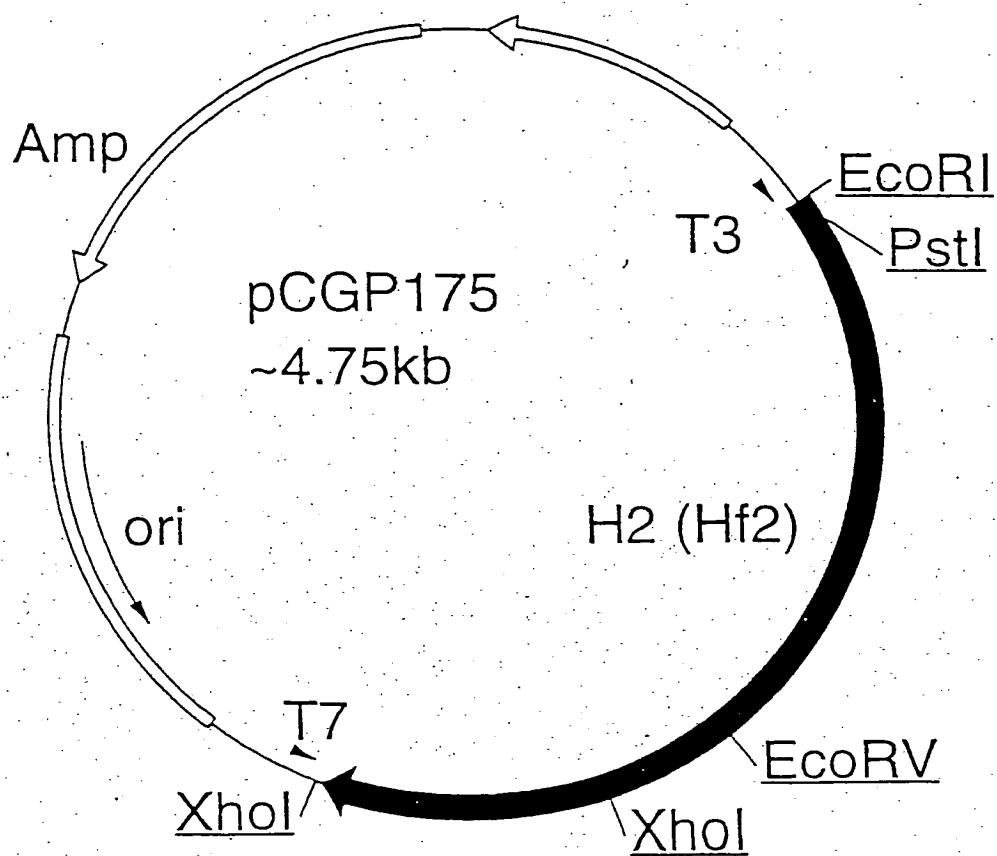


Figure 4

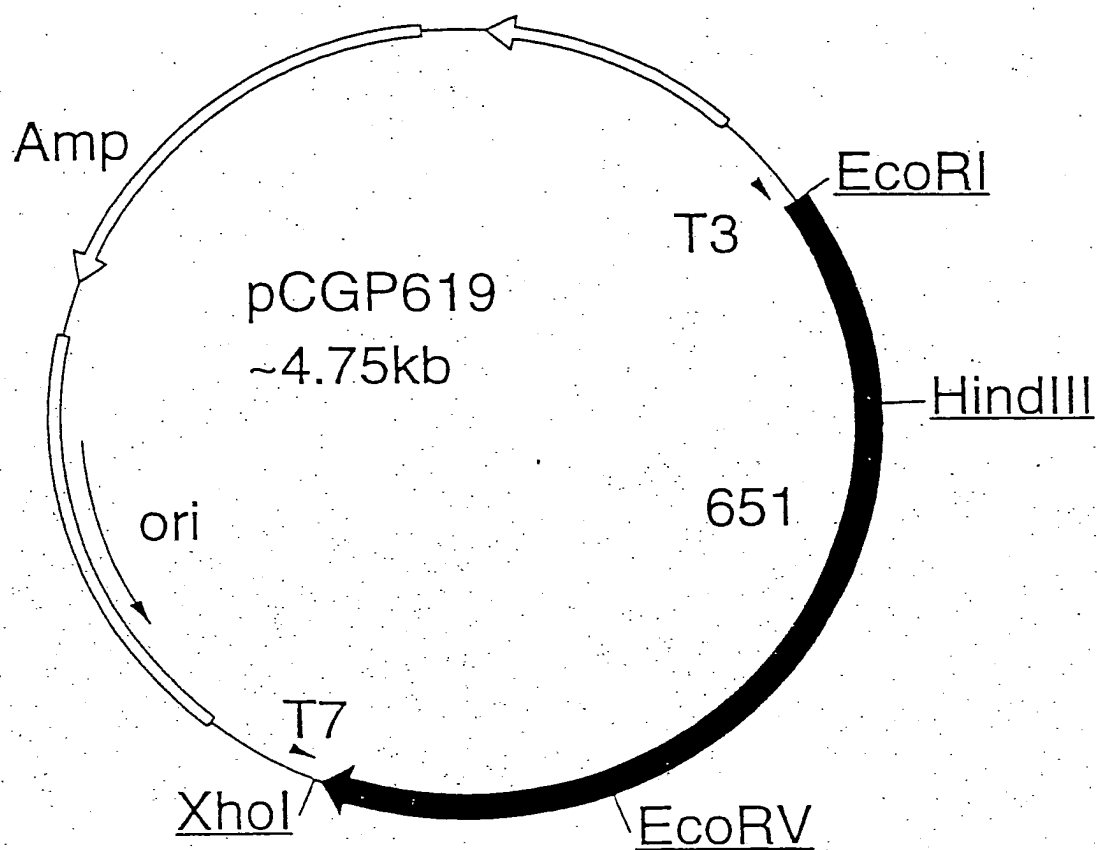


Figure 5

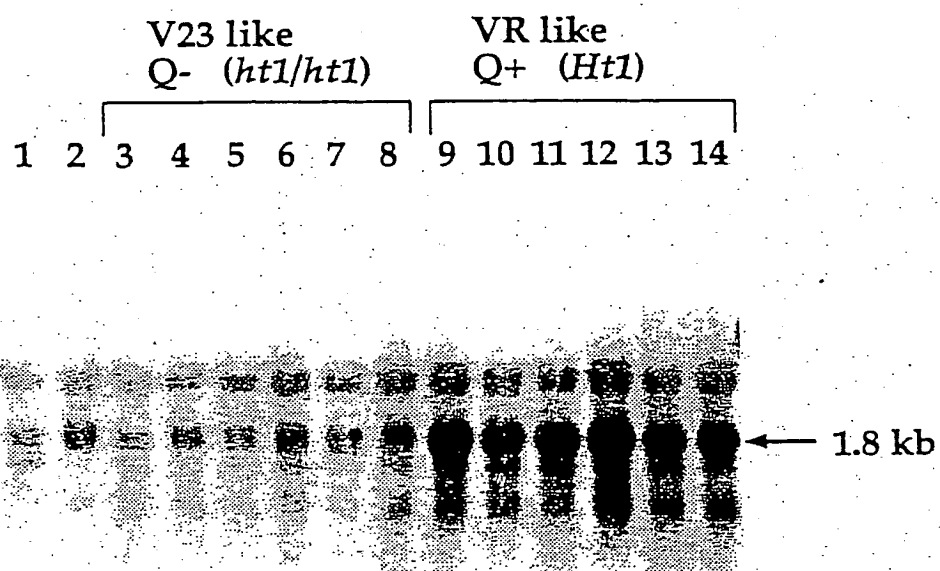


Figure 6

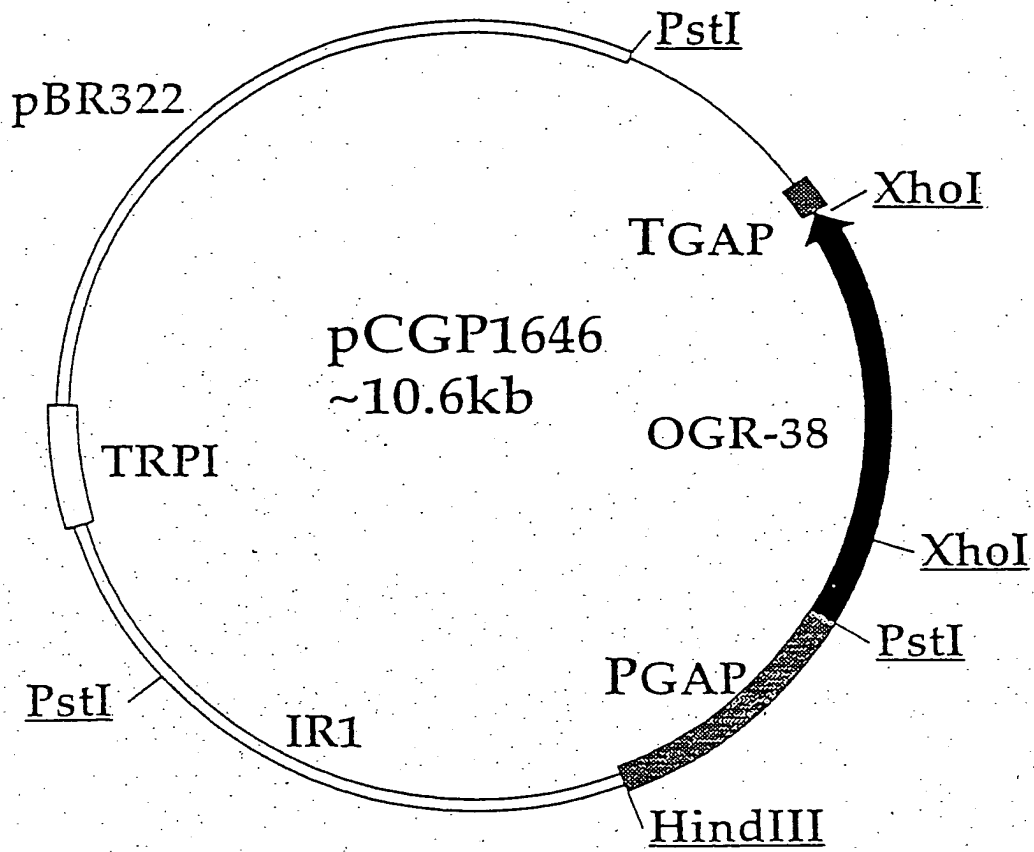


Figure 7



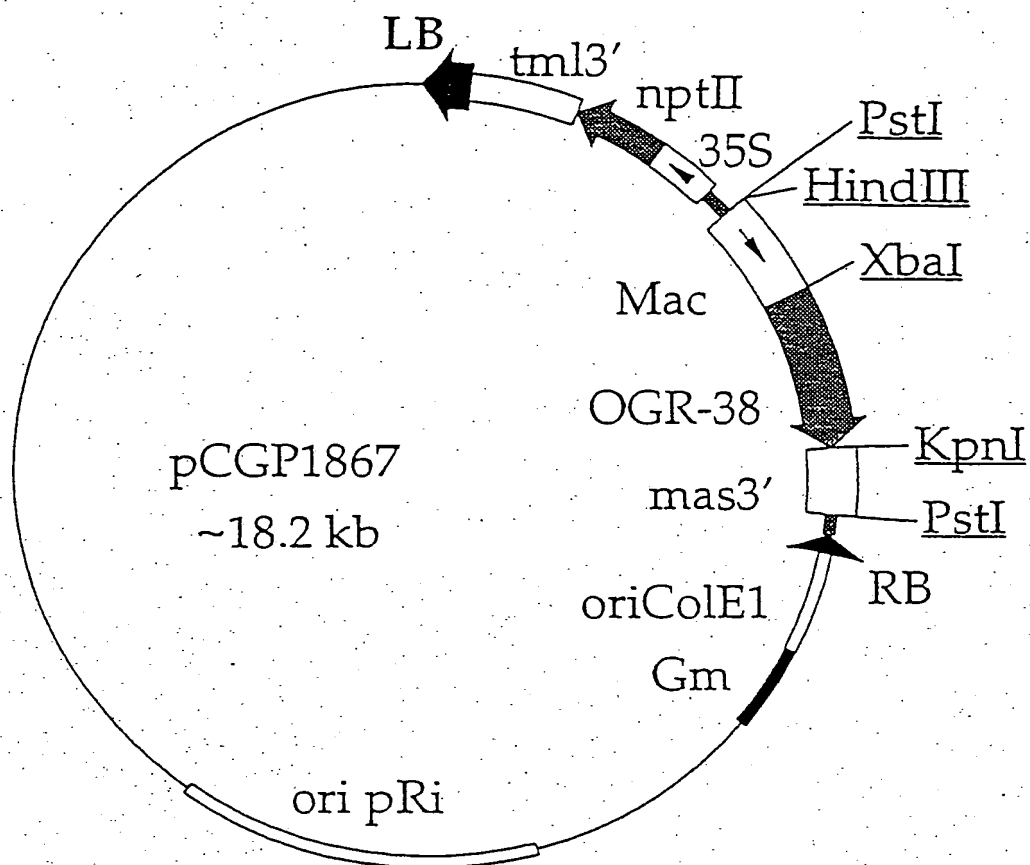


Figure 8

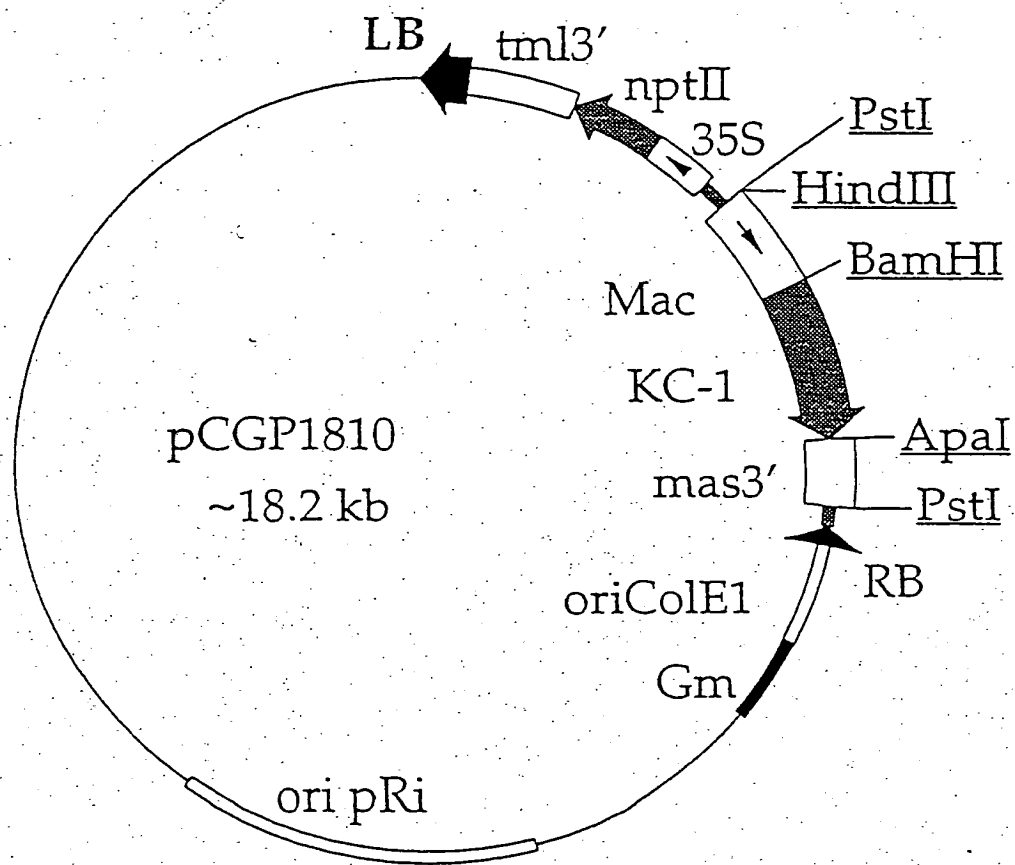


Figure 9

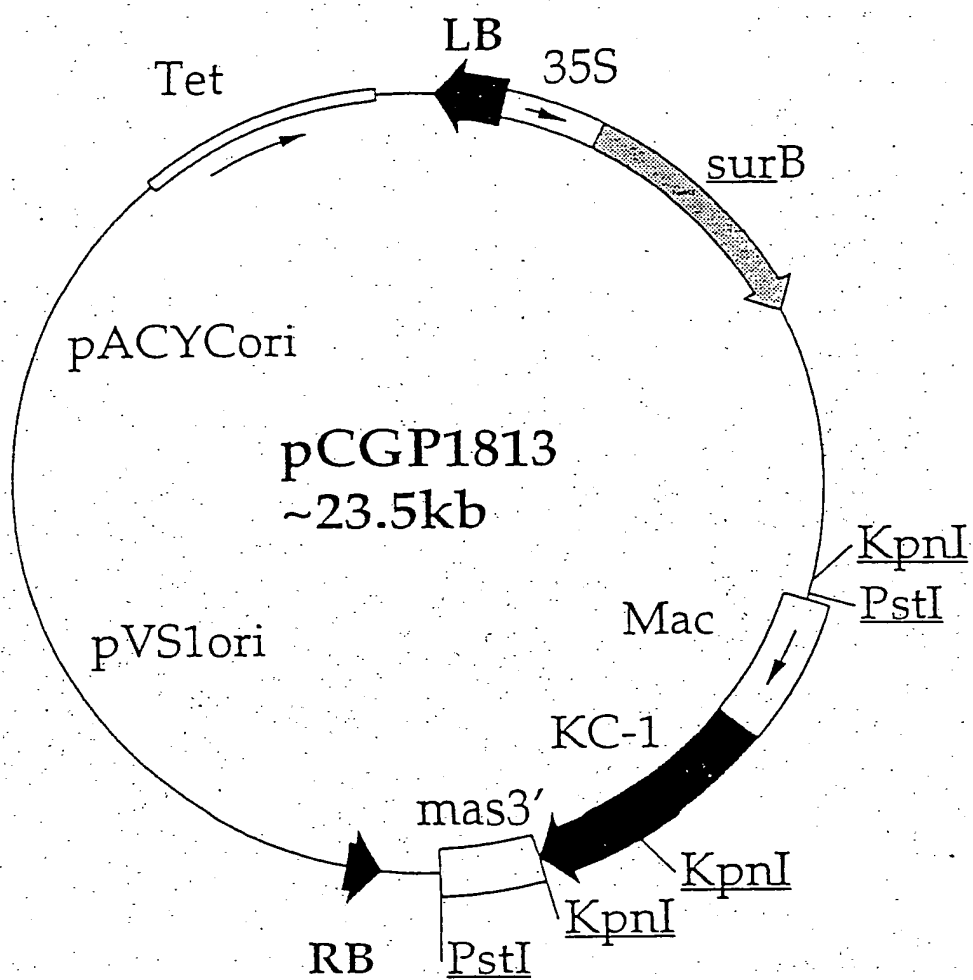


Figure 10

N8K16		N8 x K16 F2 population												
+	-	+	+	+	+	+	-	+	+	-	+	-	-	+
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

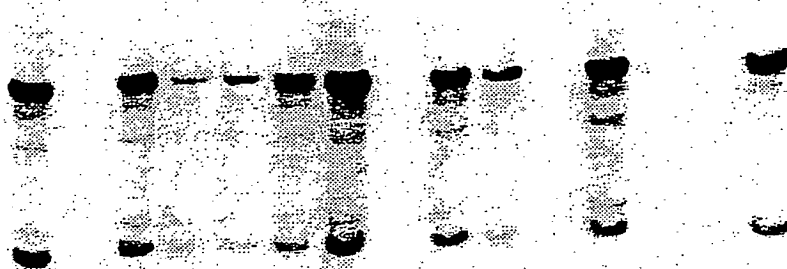


Figure 11

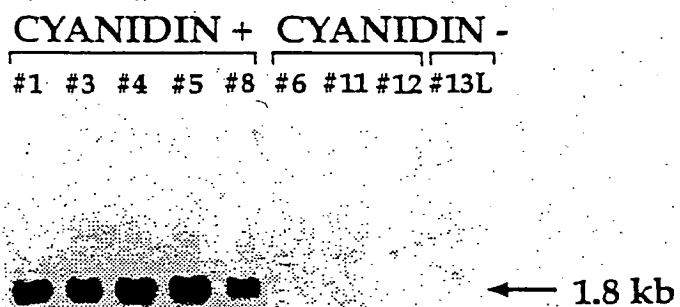


Figure 12

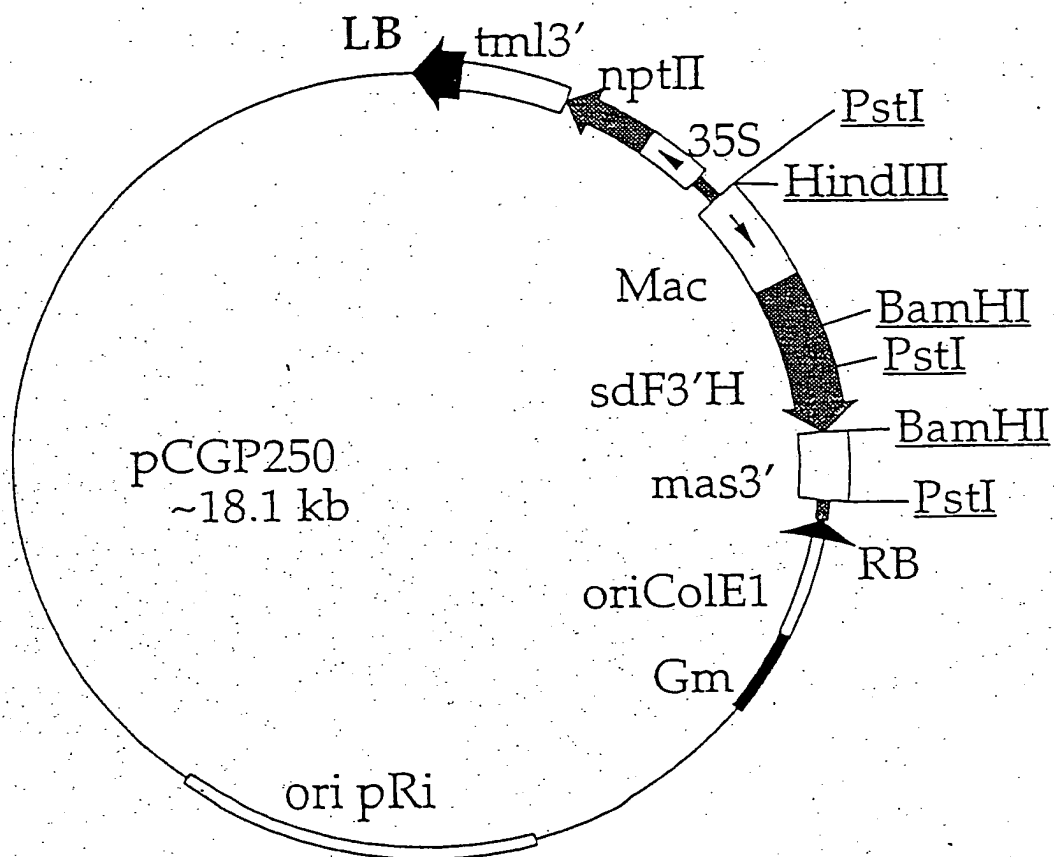


Figure 13

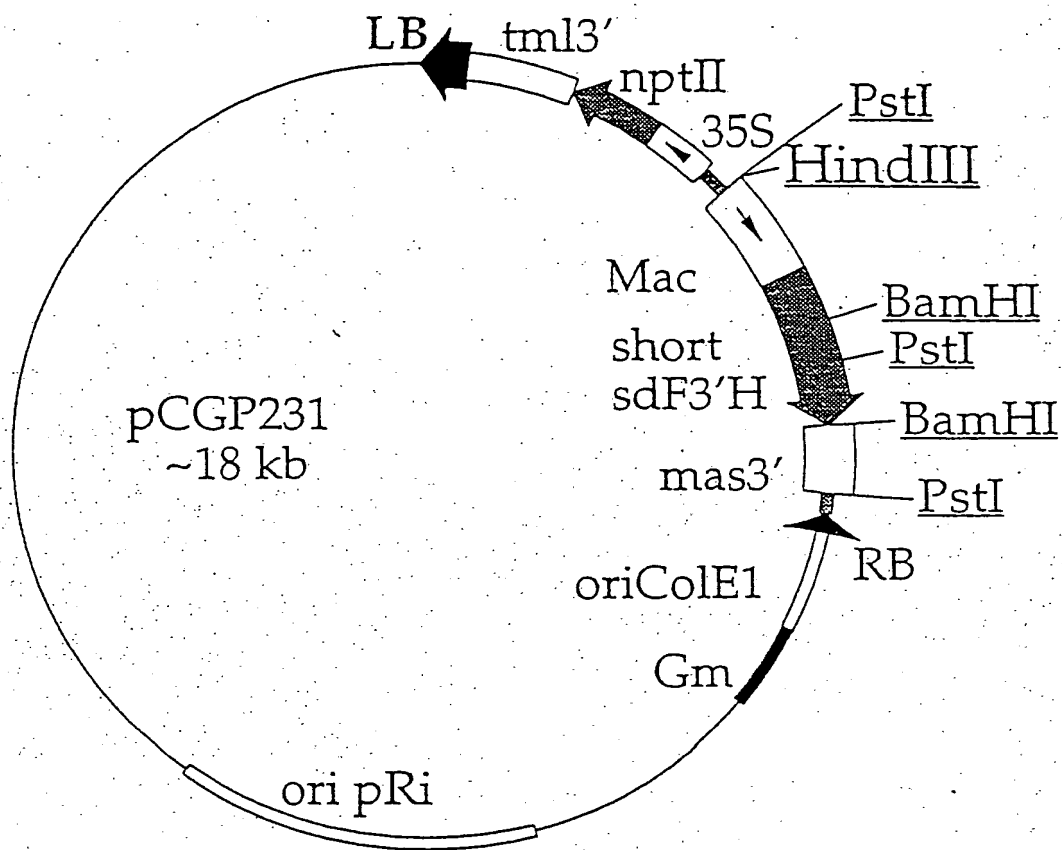


Figure 14

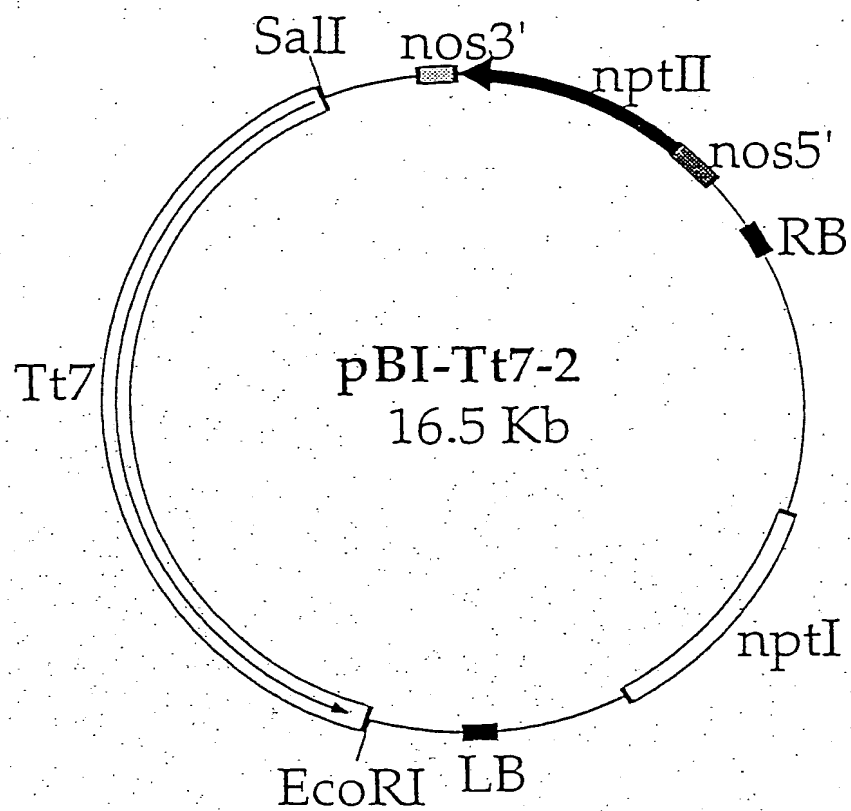


Figure 15



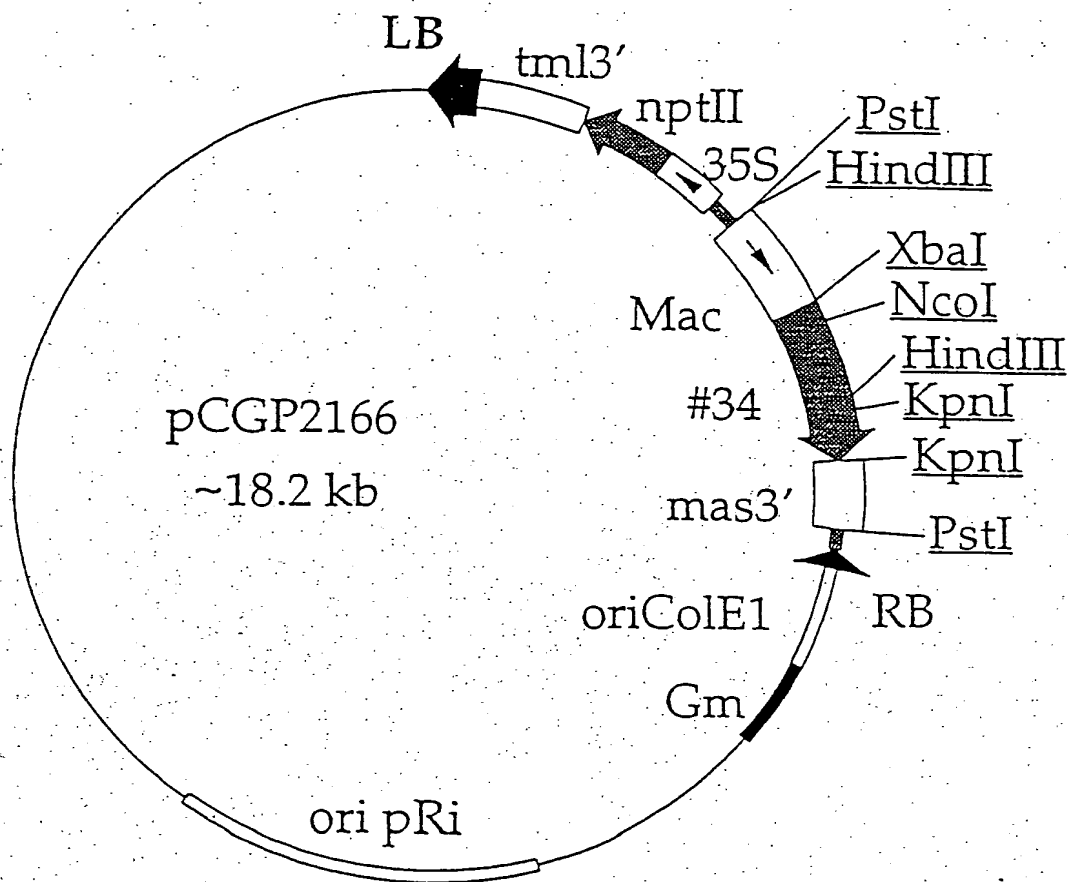


Figure 16

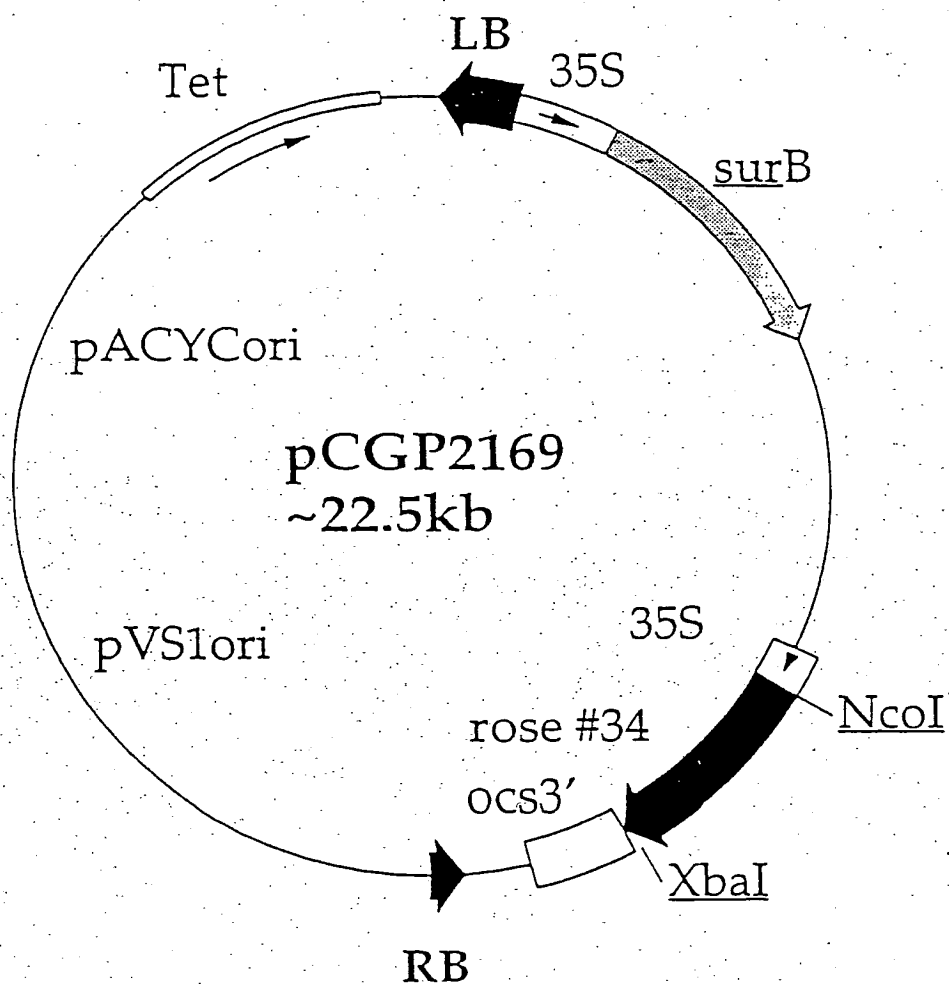


Figure 17

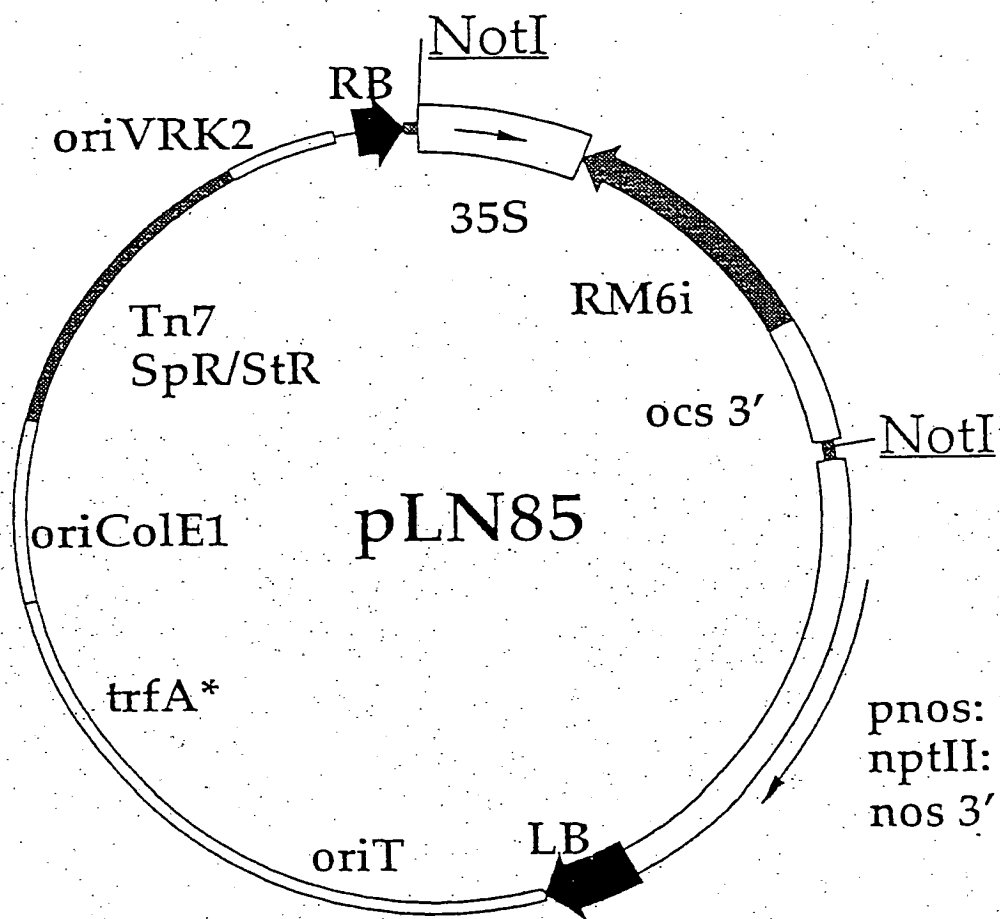


Figure 18

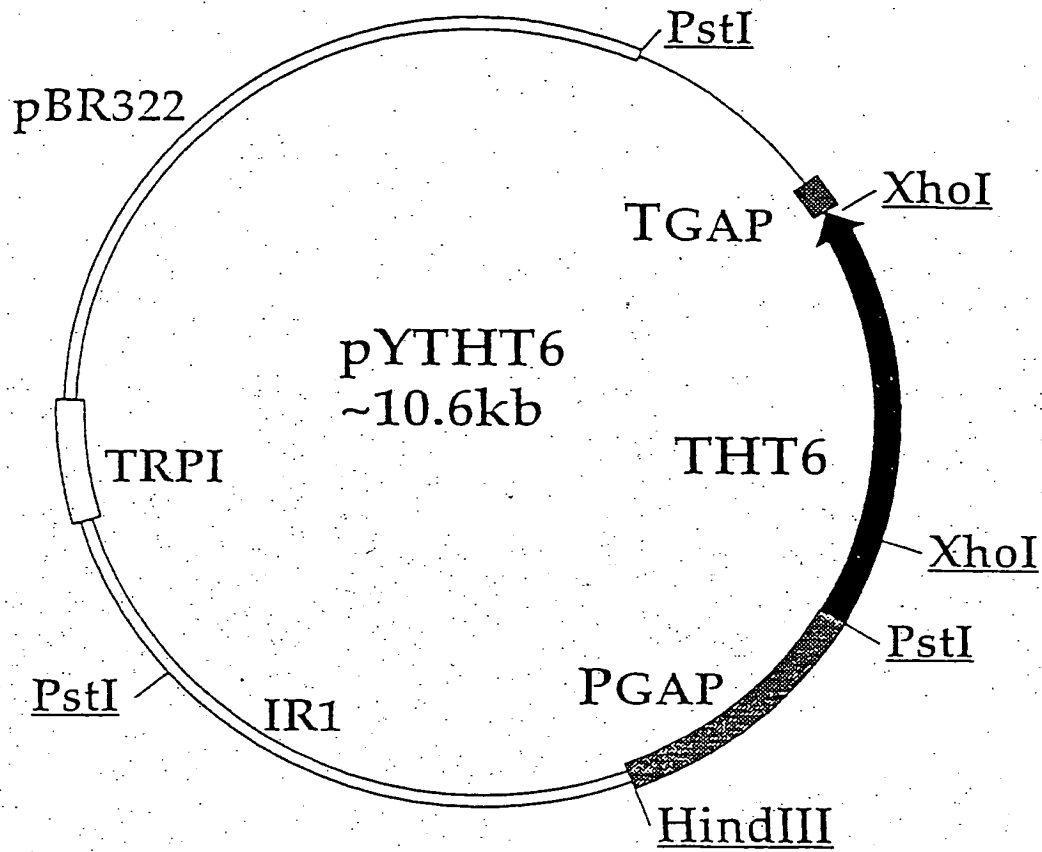


Figure 19

Figure 20 (i)

A	/					m e i l s l	I	l y t	V	i f s f l	L	q f i L	21
B	/								M h n l y	Y	L	i t c V	11
C	/	m q h q y y s l i t m d d i s	I	c s l	L v p c t	F	I	l g f L				30	
D	/			m a t l f	L t i l L	a t v l	F	L	i l r I			20	
E	/			m f l i	V v i t f l f a v	F	L	f r l L				19	
F	/			m t i l a f	V f y a	L	i l g s v	L	y v f L			21	
G	/	s p l a l m i	I	s t l	L g f l l	Y	h s l r L					23	
H	/			s l t l	I	f c t	L v f a i	F	L	y f l I		19	
I	/											0	
J	/											0	
K	/			m d y v n	I	l l g	L	f f t w	F	L	v n g L	20	

A	22	r	-	s	f	f	r	k	R	y	p	l	p	L	P	P	G	P	K	P	W	P	I	I	C	N	L	V	H	L	G	50
B	12	f	r	g	-	-	-	-	h	q	k	p		L	P	P	G	P	R	P	W	P	I	V	G	N	L	P	H	M	G	36
C	31	l	l	y	s	f	l	n	K	k	v	k	p	L	P	P	G	P	K	P	W	P	I	V	G	N	L	P	H	L	G	60
D	21	f	s	h	r	r	n	r	s	h	n	n	r	L	P	P	G	P	n	P	W	P	I	I	C	N	L	P	H	M	G	50
E	20	f	s	g	k	s	q	r	-	h	s	l	p	L	P	P	G	P	K	P	W	P	V	V	G	N	L	P	H	L	G	48
F	22	n	l	s	-	-	-	s	R	k	s	a	r	L	P	P	G	P	t	P	W	P	I	V	G	N	L	P	H	L	G	48
G	24	l	l	f	s	g	q	g	R	-	-	r	l	L	P	P	G	P	R	P	W	P	L	V	G	N	L	P	H	L	G	51
H	20	l	r	-	-	v	k	q	R	y	p	l	p	L	P	P	G	P	K	P	W	P	V	L	G	N	L	P	H	L	G	47
I	1																														10	
J	1																														0	
K	21	m	s	l	r	-	r	r	K	i	s	k	k	L	P	P	G	P	f	P	l	P	I	I	G	N	L	h	l	L	G	49

A	51	p	K	P	H	Q	s	t	A	A	M	A	Q	t	Y	G	P	L	M	Y	L	K	M	G	F	V	D	V	V	V	A	80
B	37	q	a	P	H	Q	g	L	A	A	L	A	Q	k	Y	G	P	L	L	Y	M	R	L	G	Y	V	D	V	V	V	A	66
C	61	p	K	P	H	Q	S	M	A	A	L	A	R	v	h	G	P	L	I	H	L	K	M	G	F	V	h	V	V	V	A	90
D	51	t	K	P	H	R	T	L	S	A	M	v	t	t	Y	G	P	I	L	H	L	R	L	G	F	V	D	V	V	V	A	80
E	49	p	f	P	H	H	S	I	A	e	L	A	K	k	h	G	P	L	M	H	L	R	L	G	Y	V	D	V	V	V	A	78
F	49	p	i	P	H	H	A	L	A	A	L	A	K	k	Y	G	P	L	M	H	L	R	L	G	c	V	D	V	V	V	A	78
G	52	p	K	P	H	a	S	M	A	e	L	A	R	a	Y	G	P	L	M	H	L	K	M	G	F	V	h	V	V	V	A	81
H	48	k	K	P	H	Q	S	I	A	A	M	A	e	r	Y	G	P	L	M	H	L	R	L	G	F	V	D	V	V	V	A	77
I	11	s	K	P	H	Q	T	L	A	e	M	A	K	t	Y	G	P	L	M	H	L	K	f	G	I	k	D	a	V	V	A	40
J	1																													0		
K	50	n	H	P	H	K	S	L	A	q	L	A	K	i	h	G	P	I	M	N	L	K	L	G	q	L	n	t	V	V	i	79

A	81	A S A S V A	a	Q F L K	t	H D A N F S S R P P N S G A	e	H M A	110
B	67	A S A S V A	t	Q F L K	t	H D	l	N F S S R P P N S G A K H I A	96
C	91	S S A S V A	e	k	F L K	v	H D A N F S S R P P N S G A K H V A	120	
D	81	A S	k	S V A	e	Q F L K	i	H D A N F A S R P P N S G A K H M A	110
E	79	A S A S V A	a	Q F L K	t	H D A N F S S R P P N S G A K H L A	108		
F	79	A S A S V A	a	Q F L K	v	H D A N F A S R P P N S G A K H V A	108		
G	82	S S A S	a	a	e	Q	c	L R V H D A N F l S R P P N S G A K H V A	111
H	78	A S A V A	a	Q F L K	v	H D S N F S	n	R P P N S G A e H I A	107
I	41	S S A S V A	e	Q F L K	k	H D	v	N F S n R P P N S G A K H I A	70
J									0
K	80	S S S v V A	r	E v	L Q k	Q D l	T F S	n R f v p d v v H v r n	109

Figure 20 (ii)

A	111	YNYQDLVFA	P	Y	G	P	R	W	R	M	L	R	K	I	C	S	V	H	L	F	S	T	K	140		
B	97	YNYQDLVFA	P	Y	G	P	K	W	R	M	L	R	K	I	C	S	L	H	M	P	S	S	K	126		
C	121	YNYQDLVFA	P	Y	G	P	R	W	R	M	L	R	K	I	C	A	L	H	L	P	S	A	K	150		
D	111	YNYQDLVFA	P	Y	G	<b>h</b>	R	W	R	L	L	R	K	I	S	S	V	H	L	F	S	A	K	140		
E	109	YNYQDLVFA	P	<b>r</b>	Y	G	P	R	W	R	M	<b>f</b>	R	K	I	S	S	V	H	L	F	S	<b>g</b>	K	138	
F	109	YNYQDLVFA	P	Y	G	P	R	W	R	L	L	R	K	I	C	S	V	H	L	F	S	A	K	138		
G	112	YNYEDLVFA	P	<b>r</b>	Y	G	P	K	W	R	L	L	R	K	I	C	<b>q</b>	H	I	F	S	<b>v</b>	K	141		
H	108	YNYQDLVFA	P	Y	G	P	R	W	R	M	L	R	K	I	T	S	V	H	L	F	S	A	K	137		
I	71	YNYQDLVFA	P	Y	G	P	R	W	R	L	L	R	K	I	C	S	V	H	L	F	S	S	K	100		
J	1																						0			
K	110	h s d f s	<b>V</b>	<b>V</b>	w	l	<b>P</b>	v	<b>N</b>	s	<b>R</b>	<b>W</b>	<b>K</b>	t	<b>L</b>	<b>R</b>	<b>K</b>	<b>I</b>	m	n	s	<b>I</b>	<b>F</b>	<b>S</b>	g n	139

A	141	A L D D F R H V R Q D	-	-	-	E V k t	L T R A L A	s	A G	q	k	P	167
B	127	A L D D F R <b>l</b> V R Q E	-	-	-	E V S I L	<b>v</b> n A I A	k	A C	t	k	P	153
C	151	A <b>n</b> D F <b>t</b> H V R Q D	-	-	-	E V <b>g</b> I L T R	<b>v</b> L A d	A C	e	t	P	177	
D	141	A L E D F K H V R Q E	-	-	-	E V <b>g</b> t L T R	<b>e</b> L <b>v</b> r v	G	t	k	P	167	
E	139	A L D D <b>l</b> K H V R Q E	-	-	-	E V S V L A H A L A	n	S	G	s	k	v	165
F	139	A L D D F R H V R Q E	-	-	-	E V A V L T R	<b>v</b> L <b>i</b> s	A G	n	s	<b>P</b>	165	
G	142	A M D D F R R V R E E	-	-	-	E V A I L S R A L A	-	G	k	r	a	166	
H	138	A L D D F <b>c</b> H V R Q E	-	-	-	E V A <b>t</b> L T R S L A	s	A G	k	t	<b>P</b>	164	
I	101	A L D D F C H V R <b>h</b> E	-	-	-	E I C I L <b>i</b> R A I A	s	g	G	h	a	p	127
J	1					r I L T R S I A	s	A G	e	n	<b>P</b>	14	
K	140	k <b>L</b> <b>D</b> g n <b>Q</b> <b>H</b> <b>L</b> <b>R</b> s k k v q <b>E</b> <b>L</b> i d y <b>C</b> <b>O</b> k c <b>A</b> k n <b>G</b> e - a	168										

A	168	<b>V</b> <b>k</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>L</b> <b>N</b> <b>V</b> <b>C</b> <b>T</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>A</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>K</b> <b>R</b> <b>V</b> <b>F</b> a d <b>G</b> s <b>G</b>	197
B	154	<b>V</b> <b>Q</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>L</b> <b>N</b> <b>V</b> <b>C</b> <b>T</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>S</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>K</b> <b>R</b> <b>V</b> <b>l</b> <b>G</b> d <b>G</b> t <b>G</b>	183
C	178	<b>L</b> <b>k</b> <b>L</b> <b>G</b> <b>Q</b> <b>M</b> <b>M</b> <b>N</b> <b>t</b> <b>C</b> <b>A</b> <b>T</b> <b>N</b> <b>A</b> <b>I</b> <b>A</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>v</b> <b>G</b> h a d -	206
D	168	<b>V</b> <b>N</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>V</b> <b>N</b> <b>M</b> <b>C</b> <b>v</b> <b>v</b> <b>N</b> <b>A</b> <b>L</b> <b>g</b> <b>R</b> <b>e</b> <b>M</b> <b>I</b> <b>G</b> <b>R</b> <b>R</b> <b>L</b> <b>F</b> <b>G</b> - - - a	194
E	166	<b>V</b> <b>N</b> <b>L</b> <b>a</b> <b>Q</b> <b>L</b> <b>L</b> <b>N</b> <b>L</b> <b>C</b> <b>T</b> <b>v</b> <b>N</b> <b>A</b> <b>L</b> <b>g</b> <b>R</b> <b>V</b> <b>M</b> <b>V</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>F</b> <b>G</b> d <b>G</b> s <b>G</b>	195
F	166	<b>V</b> <b>Q</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>L</b> <b>N</b> <b>V</b> <b>C</b> <b>A</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>S</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>F</b> <b>G</b> - - - d	192
G	167	<b>V</b> <b>p</b> <b>I</b> <b>G</b> <b>Q</b> <b>M</b> <b>L</b> <b>N</b> <b>V</b> <b>C</b> <b>A</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>S</b> <b>R</b> <b>V</b> <b>M</b> <b>M</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>v</b> <b>G</b> h a d <b>G</b>	196
H	165	<b>V</b> <b>k</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>L</b> <b>N</b> <b>V</b> <b>C</b> <b>T</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>A</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>K</b> <b>R</b> <b>V</b> <b>F</b> n d <b>G</b> g s	194
I	128	<b>V</b> <b>N</b> <b>L</b> <b>G</b> <b>K</b> <b>L</b> <b>L</b> <b>G</b> <b>V</b> <b>C</b> <b>T</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>A</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>F</b> e - <b>G</b> d <b>G</b>	156
J	15	<b>I</b> <b>N</b> <b>L</b> <b>G</b> <b>Q</b> <b>L</b> <b>L</b> <b>G</b> <b>V</b> <b>C</b> <b>T</b> <b>T</b> <b>N</b> <b>A</b> <b>L</b> <b>A</b> <b>R</b> <b>V</b> <b>M</b> <b>L</b> <b>G</b> <b>R</b> <b>R</b> <b>V</b> <b>F</b> <b>G</b> d <b>G</b> s <b>G</b>	44
K	169	<b>V</b> d <b>I</b> <b>G</b> <b>R</b> a t f g <b>T</b> <b>T</b> <b>i</b> <b>N</b> <b>i</b> <b>L</b> <b>S</b> n t <b>I</b> f s <b>K</b> d <b>L</b> t <b>N</b> - - -	194

A	198	d v <b>D</b> <b>P</b> <b>Q</b> <b>A</b> <b>a</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>M</b> <b>M</b> <b>V</b> <b>A</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	227
B	184	k s <b>D</b> <b>P</b> <b>K</b> <b>A</b> <b>E</b> <b>E</b> <b>F</b> <b>K</b> <b>d</b> <b>M</b> <b>V</b> <b>L</b> <b>E</b> <b>L</b> <b>M</b> <b>V</b> <b>L</b> <b>T</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>V</b> <b>P</b>	213
C	207	- - s <b>K</b> <b>A</b> <b>E</b> <b>E</b> <b>F</b> <b>K</b> <b>A</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>L</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>L</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	233
D	195	d a <b>D</b> <b>h</b> <b>K</b> <b>A</b> <b>D</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>t</b> <b>E</b> <b>M</b> <b>M</b> <b>a</b> <b>L</b> <b>A</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>V</b> <b>P</b>	224
E	196	g d <b>D</b> <b>P</b> <b>K</b> <b>A</b> <b>D</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>M</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	225
F	193	g i <b>D</b> <b>r</b> <b>s</b> <b>A</b> <b>n</b> <b>E</b> <b>F</b> <b>K</b> <b>d</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>L</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>e</b> <b>F</b> <b>N</b> <b>L</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	222
G	197	t n <b>D</b> <b>a</b> <b>K</b> <b>A</b> <b>E</b> <b>E</b> <b>F</b> <b>K</b> <b>A</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>L</b> <b>M</b> <b>V</b> <b>L</b> <b>S</b> <b>G</b> <b>V</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	226
H	195	k s <b>D</b> <b>P</b> <b>K</b> <b>A</b> <b>E</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>e</b> <b>E</b> <b>M</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>s</b> <b>F</b> <b>N</b> <b>I</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	224
I	157	g e n <b>P</b> <b>H</b> <b>A</b> <b>D</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>I</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>a</b> <b>F</b> <b>N</b> <b>L</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	186
J	45	g v <b>D</b> <b>P</b> <b>Q</b> <b>A</b> <b>D</b> <b>E</b> <b>F</b> <b>K</b> <b>S</b> <b>M</b> <b>V</b> <b>V</b> <b>E</b> <b>I</b> <b>M</b> <b>V</b> <b>L</b> <b>A</b> <b>G</b> <b>a</b> <b>F</b> <b>N</b> <b>L</b> <b>G</b> <b>D</b> <b>F</b> <b>I</b> <b>P</b>	74
K	195	p f s d s <b>A</b> <b>K</b> <b>E</b> <b>F</b> <b>K</b> <b>e</b> <b>L</b> <b>V</b> <b>w</b> <b>n</b> <b>I</b> <b>M</b> <b>V</b> <b>e</b> <b>A</b> <b>G</b> <b>k</b> <b>p</b> <b>N</b> <b>L</b> <b>V</b> <b>D</b> <b>Y</b> <b>f</b> <b>P</b>	224

Figure 20 (iii)

A	228	q	L	n	W	L	D	I	Q	G	V	A	A	K	K	K	L	H	A	R	F	D	A	P	L	T	d	I	L	E	257	
B	214	a	L	E	C	L	D	L	Q	G	V	A	S	K	K	K	L	H	k	R	l	D	n	F	M	S	n	I	L	E	243	
C	234	p	L	E	k	L	D	L	Q	G	V	i	A	K	K	K	L	H	l	R	F	D	S	F	L	S	k	I	L	g	263	
D	225	s	L	D	W	L	D	L	Q	G	V	A	g	K	M	K	R	L	H	k	R	F	D	A	F	L	S	s	I	L	k	254
E	226	s	L	E	W	L	D	L	Q	G	V	A	S	K	K	K	L	H	k	R	F	D	d	F	L	T	a	I	V	E	255	
F	223	v	L	D	l	f	D	L	Q	G	I	T	k	K	K	K	L	H	v	R	F	D	S	F	L	S	k	I	V	E	252	
G	227	f	L	E	p	L	D	L	Q	G	V	A	S	K	K	K	L	H	A	R	F	D	A	F	L	T	e	I	V	r	256	
H	225	v	L	g	W	f	D	V	Q	G	I	v	g	K	K	K	L	H	A	R	F	D	A	F	L	n	t	I	L	E	254	
I	187	v	L	D	W	f	D	L	Q	G	I	A	g	K	K	K	L	H	A	R	F	D	k	F	L	n	g	I	L	E	216	
J	75	a	L	D	W	f	D	L	Q	G	I	T	A	K	M	K	K	V	H	A	R	F	D	A	F	L	d	a	I	L	E	104
K	225	f	L	E	k	I	D	P	Q	G	I	k	r	R	M	t	n	n	f	T	K	F	l	g	l	I	S	g	L	I	D	254

A	258	E	H	K	g	k	-	-	-	-	i	f	g	e	m	k	D	L	L	S	T	L	I	S	L	K	n	d	d	a	282	
B	244	E	H	K	s	v	a	-	-	-	h	q	q	n	g	g	D	L	L	S	i	L	I	S	L	K	-	d	n	c	268	
C	264	D	H	K	i	N	s	s	-	d	e	c	k	g	H	s	-	D	L	L	n	m	L	I	S	L	K	d	a	d	291	
D	255	E	H	e	m	N	g	-	-	-	q	d	q	K	h	t	D	M	L	S	T	L	I	S	L	K	g	t	d	l	280	
E	256	D	H	K	k	G	s	-	-	-	g	t	a	g	h	v	D	M	L	T	T	L	L	S	L	K	-	e	d	a	280	
F	253	E	H	K	t	a	p	-	-	-	g	g	l	g	h	t	D	L	L	S	T	L	I	S	L	K	d	d	a	d	278	
G	257	E	R	c	h	G	q	i	-	n	n	s	g	a	H	q	d	D	L	L	S	T	L	I	S	f	K	g	l	d	285	
H	255	E	H	K	c	v	n	n	q	h	t	c	l	s	K	d	v	D	f	L	S	T	L	I	r	L	K	d	n	g	a	284
I	217	D	R	K	s	N	g	s	n	-	g	a	e	Q	y	v	D	L	L	S	v	L	I	S	L	Q	d	s	n	i	244	
J	105	E	H	K	s	N	g	s	r	-	g	a	e	Q	y	v	D	L	L	S	m	L	I	S	L	Q	d	n	n	i	132	
K	255	D	R	l	k	e	r	n	-	-	l	r	d	n	a	n	i	D	V	L	d	A	L	L	n	I	s	q	e	n	p	282

A	283	D	N	d	g	-	-	G	K	L	T	D	T	E	I	K	A	L	L	L	N	L	F	v	A	G	T	D	T	S	S	310	
B	269	D	G	-	-	e	-	G	G	K	f	S	a	T	E	I	K	A	L	L	L	d	I	F	T	A	G	T	D	T	S	S	296
C	292	a	e	-	-	-	-	G	G	R	L	T	D	v	E	I	K	A	L	L	L	N	L	F	A	A	G	T	D	T	S	S	318
D	281	D	G	-	-	d	-	G	G	s	L	T	D	T	E	I	K	A	L	L	L	N	M	F	T	A	G	T	D	T	S	A	308
E	281	D	G	-	-	e	-	G	G	K	L	T	D	T	E	I	K	A	L	L	L	N	M	F	T	A	G	T	D	T	S	S	308
F	279	i	e	-	-	-	-	G	G	K	L	T	D	T	E	I	K	A	L	L	L	N	L	F	A	A	G	T	D	T	S	S	305
G	286	g	d	-	-	-	-	G	s	R	L	T	D	T	E	I	K	A	L	L	L	N	L	l	-	-	-	-	D	T	T	S	308
H	285	D	m	d	c	e	e	G	K	L	T	D	T	E	I	K	A	L	L	L	N	L	F	T	A	G	T	D	T	S	S	314	
I	245	D	G	g	d	e	G	t	K	L	T	D	T	E	I	K	A	L	L	L	N	L	F	i	A	G	T	D	T	S	S	274	
J	133	D	G	-	e	s	G	a	K	L	T	D	T	E	I	K	A	L	L	L	N	L	F	T	A	G	T	D	T	S	S	161	
K	283	E	i	-	-	-	-	I	d	r	N	Q	I	e	q	L	c	L	d	L	F	A	A	G	T	D	T	S	S	306			

A	311	S	T	V	E	W	A	I	A	E	L	I	R	N	P	K	I	L	a	Q	A	Q	Q	E	I	D	k	V	V	G	R	340
B	297	S	T	c	E	W	A	I	A	E	L	I	R	H	P	K	I	L	a	Q	v	Q	Q	E	M	D	s	V	V	G	R	326
C	319	S	T	V	E	W	C	I	A	E	L	V	R	H	P	e	I	L	a	Q	v	Q	k	E	L	D	s	V	V	G	K	348
D	309	S	T	V	D	W	A	I	A	E	L	I	R	H	P	d	I	M	v	K	A	Q	E	E	L	D	i	V	V	G	R	338
E	309	S	T	V	E	W	A	I	A	E	L	I	R	H	P	H	M	L	a	R	v	Q	k	E	L	D	d	f	V	G	H	338
F	306	S	T	V	E	W	A	I	A	E	L	I	R	H	P	Q	I	L	k	Q	A	R	E	Z	I	D	a	V	V	G	Q	335
G	309	S	T	V	E	W	A	V	A	E	L	L	R	H	P	K	t	L	a	Q	v	R	Q	E	L	D	s	V	V	G	K	338
H	315	S	T	V	E	W	A	I	A	E	L	L	R	N	P	K	I	L	n	Q	A	Q	Q	E	L	D	l	V	V	G	Q	344
I	275	S	T	V	E	W	A	M	A	E	L	I	R	N	P	K	L	L	v	Q	A	Q	E	E	L	D	r	V	V	G	p	304
J	162	S	T	V	E	W	A	I	A	E	L	I	R	N	P	e	V	L	v	Q	A	Q	Q	E	L	D	r	V	V	G	p	191
K	307	n	T	L	E	W	A	M	A	E	L	L	Q	N	P	H	t	L	q	K	A	Q	E	E	L	a	q	V	I	G	K	336

Figure 20 (iv)

A	341	d	R	L	V	g	E	L	D	L	a	Q	L	t	X	L	E	A	I	V	K	E	T	F	R	L	H	P	S	T	P	370
B	327	d	R	L	I	A	E	A	D	I	p	N	L	t	Y	f	Q	A	V	I	K	E	V	F	R	L	H	P	S	T	P	356
C	349	n	R	V	V	k	E	A	D	L	a	g	L	P	P	L	Q	A	V	V	K	E	N	F	R	L	H	P	S	T	P	378
D	339	d	R	p	V	n	E	S	D	I	a	Q	L	P	Y	L	Q	A	V	I	K	E	N	F	R	L	H	P	p	T	P	368
E	339	d	R	L	V	T	E	S	D	I	p	N	L	P	Y	L	Q	A	V	I	K	E	T	F	R	L	H	P	S	T	P	368
F	336	d	R	L	V	T	E	l	D	L	s	Q	L	t	Y	L	Q	A	L	V	K	E	V	F	R	L	H	P	S	T	P	365
G	339	n	R	L	V	S	E	T	D	L	n	Q	L	P	Y	L	Q	A	V	V	K	E	T	F	R	L	H	P	p	T	P	368
H	345	n	Q	L	V	T	E	S	D	L	t	d	L	P	P	L	Q	A	I	V	K	E	T	F	R	L	H	P	S	T	P	374
I	305	n	R	f	V	T	E	S	D	L	p	Q	L	t	F	L	Q	A	V	I	K	E	T	F	R	L	H	P	S	T	P	334
J	192	s	R	L	V	T	E	S	D	L	p	Q	L	a	F	L	Q	A	V	I	K	E	T	F	R	L	H	P	S	T	P	221
K	337	g	K	q	V	e	E	A	D	V	g	r	L	P	Y	L	r	C	I	V	K	E	T	l	R	I	E	P	A	A	P	366

A	371	L	S	L	P	R	I	A	S	E	S	C	E	I	N	G	Y	f	I	P	K	G	S	T	L	L	N	V	W	A	400	
B	357	L	S	L	P	R	V	A	n	E	S	C	E	I	N	G	Y	h	I	P	K	N	T	T	L	L	N	V	W	A	386	
C	379	L	S	L	P	R	I	A	h	E	S	C	E	V	N	G	Y	l	I	P	K	G	S	T	L	L	N	V	W	A	408	
D	369	L	S	L	P	H	I	A	S	E	S	C	E	I	N	G	Y	h	I	P	K	G	S	T	L	L	t	N	I	W	A	398
E	369	L	S	L	P	R	M	A	A	E	S	C	E	I	N	G	Y	h	I	P	K	G	S	T	L	L	N	V	W	A	398	
F	366	L	S	L	P	R	I	S	S	E	S	C	E	V	d	G	Y	y	I	P	K	G	S	T	L	L	N	V	W	A	395	
G	369	L	S	L	P	R	L	A	e	d	d	C	E	I	d	C	Y	l	I	P	K	G	S	T	L	L	N	V	W	A	398	
H	375	L	S	L	P	R	M	g	A	Q	g	C	E	I	N	G	Y	f	I	P	K	G	A	T	L	L	N	V	W	A	404	
I	335	L	S	L	P	R	M	A	A	e	d	C	E	I	N	G	Y	y	V	s	e	C	S	T	L	L	N	V	W	A	364	
J	222	L	S	L	P	R	M	A	S	E	g	C	E	I	N	G	Y	s	I	P	K	G	S	T	L	L	N	V	W	S	251	
K	367	L	l	I	P	R	k	v	e	E	d	v	E	L	s	t	Y	i	I	P	K	d	S	q	V	L	N	V	W	A	396	

A	401	I	A	R	D	P	n	a	W	A	D	P	L	E	F	R	P	E	R	F	L	P	G	G	E	K	P	k	V	D	V	430
B	387	I	A	R	D	P	e	V	W	A	D	P	L	E	F	K	P	E	R	F	L	P	G	G	E	K	P	N	V	D	V	416
C	409	I	A	R	D	P	n	V	w	d	E	P	L	E	F	R	P	E	R	F	L	k	G	C	E	K	P	N	V	D	V	438
D	399	I	A	R	D	P	d	q	W	S	D	P	L	a	F	K	P	E	R	F	L	P	G	G	E	K	s	G	V	D	V	428
E	399	I	S	R	D	P	a	e	W	A	D	P	L	E	F	K	P	E	R	F	L	P	G	G	E	K	P	N	V	D	I	428
F	396	I	A	R	D	P	k	M	W	A	D	P	L	E	F	R	P	s	R	F	L	P	G	G	E	K	P	G	a	D	V	425
G	399	I	A	R	D	P	k	V	W	A	D	P	L	E	F	R	P	E	R	F	L	t	G	G	E	K	a	d	V	D	V	428
H	405	I	A	R	D	P	n	V	W	T	n	P	L	E	F	n	P	h	R	F	L	P	G	G	E	K	P	N	V	D	I	434
I	365	I	A	R	D	P	n	a	W	A	n	P	L	D	F	n	P	t	R	F	L	a	G	C	E	K	P	N	V	D	V	394
J	252	I	A	R	D	P	s	I	W	A	D	P	L	E	F	R	P	a	R	F	L	P	G	G	E	K	P	N	V	D	V	281
K	397	I	g	R	n	s	d	L	W	e	n	P	L	v	F	K	P	E	R	F	w	e	s	-	-	-	e	I	D	I	422	

A	431	R	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	M	n	L	G	I	R	M	V	Q	L	M	460
B	417	K	G	N	D	F	E	L	I	P	F	G	A	G	R	R	I	C	A	G	L	S	L	G	L	R	M	V	Q	L	M	446
C	439	R	G	N	D	F	E	L	I	P	F	G	A	G	R	R	I	C	A	G	M	S	L	G	I	R	M	V	Q	L	L	468
D	429	K	G	s	D	F	E	L	I	P	F	G	A	G	R	R	I	C	A	G	L	S	L	G	L	R	t	I	Q	f	L	458
E	429	R	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	M	S	L	G	L	R	M	V	H	L	M	458
F	426	R	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	M	S	L	G	L	R	M	V	Q	L	L	455
G	429	K	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	V	g	L	G	I	R	M	V	Q	L	L	458
H	435	K	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	S	G	M	S	L	G	I	R	M	V	H	L	L	464
I	395	K	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	M	S	L	G	I	R	M	V	Q	L	V	424
J	282	R	G	N	D	F	E	V	I	P	F	G	A	G	R	R	I	C	A	G	M	S	L	G	L	R	M	V	Q	L	s	311
K	423	R	G	r	D	F	E	L	I	P	F	G	A	G	R	R	I	C	p	G	L	p	L	a	M	R	M	I	p	V	a	452



Figure 20 (v)

A	461	i	A	T	L	I	H	A	F	n	W	D	L	v	s	G	q	l	P	E	m	L	N	M	E	E	A	Y	G	L	T	490
B	447	T	A	T	L	a	E	T	Y	D	w	a	L	A	d	G	L	m	P	E	k	L	N	M	D	E	A	Y	G	L	T	476
C	469	T	A	T	L	n	H	A	E	D	f	D	L	A	d	G	q	l	P	E	s	L	N	M	E	E	A	Y	G	L	T	498
D	459	T	A	T	L	V	Q	g	P	D	W	E	L	A	G	G	V	t	P	E	k	L	N	M	E	E	S	Y	G	L	T	488
E	459	T	A	T	L	V	H	A	F	n	w	a	L	A	d	G	L	t	a	E	k	L	N	M	D	E	A	Y	G	L	T	488
F	456	i	A	T	L	V	Q	T	F	D	W	E	L	A	N	G	L	e	P	E	m	L	N	M	E	E	A	Y	G	L	T	485
G	459	T	A	S	L	I	H	A	F	D	l	D	L	A	N	G	L	l	a	Q	n	L	N	M	E	E	A	Y	G	L	T	488
H	465	v	A	T	L	V	H	A	F	D	W	D	L	V	N	G	q	s	v	E	t	L	N	M	E	E	A	Y	G	L	T	494
I	425	T	A	S	L	V	E	S	F	D	w	a	L	l	d	G	L	k	P	E	k	L	d	M	E	E	g	Y	G	L	T	454
J	312	T	A	T	L	V	H	S	F	n	w	D	L	l	N	G	M	s	P	d	k	L	d	M	E	E	A	Y	G	L	T	341
K	453	l	g	S	L	L	n	S	F	n	w	k	L	y	G	G	I	a	p	k	d	L	d	M	q	E	k	F	G	I	T	482

A	491	L Q R A	d P L V V H P R P R L	e a Q a Y i g	512
B	477	L Q R k v	P L M V H P t r R L S a	R V Y n s g f	500
C	499	L Q R A	d P L V V H P K P R		512
D	489	L Q R A	v P L V V H P K P R L A	p n V Y g l g s g	513
E	489	L Q R A	a P L M V H P R t R L A	p Q a Y k t s s s	512
F	486	L Q R A	a P L M V H P K P R L A	p H V Y e s i	508
G	489	L Q R A	e P L L V H P R R R L A	t H V Y	508
H	495	L Q R A	v P L M L H P K P R L	q p H L Y t l n	517
I	455	L Q R A	s P L I V H P K P R L S a	Q V Y c m	476
J	342	L Q R A	s P L I V H P K P R L A	s s M Y v k	363
K	483	L a K A	q P L L a i P t P l		496